



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rosenberg, Louis B.  
 Ser. No. : 09/823,943  
 Fil. Date : March 30, 2001  
 For : Haptic Remote Control for Toys  
 Examiner : Cegielnik, Urszula M.  
 Art Unit : 3712

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

SIR:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicant submits herewith on Form PTO/SB/08a a listing of documents known to the Applicant and/or his attorney. Applicant respectfully request consideration of the cited documents and making the same of record in the prosecution of the above-identified application. In so doing, Applicant does not waive any rights to take appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application. Applicant has submitted references listed on the enclosed Supplemental Information Disclosure Statement in electronic form on the enclosed compact disc. If the Examiner desires hard copies of some or all of these references, Applicant will provide these expeditiously upon Examiner's request.

This Information Disclosure Statement is being submitted after the mailing of a first Office Action in this application. Accordingly, enclosed please find a check in the amount of \$180 for the fees required by this action. The Commissioner is also hereby authorized to charge any additional fees under 37 C.F.R. 1.16 or 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 16-1435. A duplicate of this sheet is attached for that purpose.

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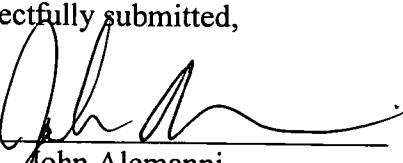
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Date: June 23, 2004

Respectfully submitted,

By:

  
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 Reg. No. 47,384

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Complete if Known

Application Number	09/823,943
Filing Date	March 30, 2001
First Named Inventor	Louis B. Rosenberg
Art Unit	3712
Examiner Name	Ursula M. Cegielnik

Attorney Docket Number

IMM127

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
1		3,919,691	11/11/75	Noll	
2		4,414,984	11/15/83	Zarudiansky	
3		4,706,294	11/10/87	Ouchida	
4		4,731,603	3/15/88	McRae et al.	
5		4,795,296	1/3/89	Jau	
6		4,868,549	9/19/89	Affinito et al.	
7		4,885,565	12/5/89	Embach	
8		5,103,404	4/7/92	McIntosh	
9		5,107,262	4/21/92	Cadoz et al.	
10		5,146,566	9/8/92	Hollis, Jr. et al.	
11		5,184,319	2/2/93	Kramer	
12		5,186,629	2/16/93	Rohen	
13		5,203,563	4/20/93	Loper, III	
14		5,296,871	3/22/94	Paley	
15		5,354,162	10/11/94	Burdea et al.	
16		5,388,992	2/14/95	Franklin et al.	
17		5,399,091	3/21/95	Mitsumoto	
18		5,405,152	4/11/95	Katanics et al.	
19		5,440,183	8/8/95	Denne	
20		5,565,840	10/15/96	Thorner et al.	
21		5,583,478	12/10/96	Renzi	
22		5,580,251	12/3/96	Gilkes et al.	
23		5,587,937	12/24/96	Massie et al.	
24		5,589,828	12/31/96	Armstrong	
25		5,619,180	4/8/97	Massimino et al.	
26		5,631,861	5/20/97	Kramer	

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Sheet

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First Named Inventor	Louis B. Rosenberg
Art Unit	3712
Examiner Name	Ursula M. Cegielnik
Attorney Docket Number	IMM127

U.S. PATENT DOCUMENTS					
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		Number - Kind Code <sup>2</sup> (if known)			
27		5,643,087	7/1/97	Marcus et al.	
28		5,661,446	8/26/97	Anderson et al.	
29		5,669,818	9/23/97	Thorner et al.	
30		5,684,722	11/4/97	Thorner et al.	
31		5,709,219	1/20/98	Chen et al.	
32		5,714,978	2/3/98	Yamanaka et al.	
33		5,734,373	3/31/98	Rosenberg et al.	
34		5,736,978	4/7/98	Hasser et al.	
35		5,739,811	4/14/98	Rosenberg et al.	
36		5,742,278	4/21/98	Chen et al.	
37		5,754,023	5/19/98	Roston et al.	
38		5,781,172	7/14/98	Engel et al.	
39		5,784,052	7/21/98	Keyson	
40		5,790,108	8/4/98	Salcudean et al.	
41		5,805,140	9/8/98	Rosenberg et al.	
42		5,857,986	1/12/99	Moriyasu	
43		5,889,672	3/30/99	Schuler et al.	
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46		5,914,705	6/22/99	Johnson et al.	
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48		5,973,670	10/26/99	Barber et al.	
49		5,984,880	11/16/99	Lander et al.	
50		5,986,643	11/16/99	Harvill et al.	
51		6,001,014	12/14/99	Ogata et al.	
52		6,004,134	12/21/99	Marcus et al.	

Examiner Signature	/Urszula M. Cegielnik/ (03/11/2010)	Date Considered
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Application Number	09/823,943
Filing Date	March 30, 2001
First Named Inventor	Louis B. Rosenberg
Art Unit	3712
Examiner Name	Ursula M. Cegielnik
Attorney Docket Number	IMM127

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	53	6,044,646	4/4/00	Silverbrook	
	54	6,078,126	6/20/00	Rollins et al.	
	55	6,088,017	7/11/00	Tremblay et al.	
	56	6,088,019	7/11/00	Rosenberg	
	57	6,104,158	8/5/00	Jacobus et al.	
	58	6,184,868	2/6/01	Shahoian et al.	
	59	6,198,206	3/6/01	Saarmaa et al.	
	60	6,211,861	4/3/01	Rosenberg et al.	
	61	6,275,213	8/14/01	Tremblay et al.	
	62	6,317,032	11/13/01	Oishi	
	63	6,422,941	7/23/02	Thorner	
	64	6,424,333	7/23/02	Tremblay et al.	
	65	6,585,595	7/1/03	Soma et al.	
	66	RE37,374	9/18/01	Roston et al.	
	67	6,697,043	2/24/04	Shahoian et al.	
	68	6,707,443	3/16/04	Bruneau et al.	
	69	6,717,573	4/6/04	Shahoian et al.	
	70	20020030663	3/14/02	Tierling et al.	
	71	20030201975	10/30/03	Bailey et al.	

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	72	WO92/00559	1/9/92	Hewlett-Packard Co.		
	73	EP0607580A1	7/27/94	IBM Corporation		
	74	EP0265011	4/27/88	Oce-Nederland B. V.		
	75	EP0626634 A2	11/30/94	Matsushita Electric Industrial Co., Ltd.		
	76	WO01/03105	1/11/01	Immersion Corp.		
	77	WO01/24158	4/5/01	Immersion Corp.		
	78	WO97/31333	8/28/97	Tomer, Shalit		
	79	WO01/13354	2/22/01	Immersion Corp.		
	80	WO98/32112	7/23/98	Nissen, John		
	81	WO99/40504	8/12/99	Inmotion Technologies Ltd.		
	82	WO02/27705	4/4/02	Immersion Corp.		

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	83	Schmult, Brian et al., "Application Areas for a Force-Feedback Joystick," ASME 1993, DSC-Vol. 49, pp. 47-54.				
	84	Hasser, Christopher John, "Tactile Feedback for a Force-Reflecting Haptic Display," The School of Engineering, University of Dayton, December 1995, pp. iii-xii &1-96.				
	85	Akamatsu, M. et al., "Multimodal Mouse: A Mouse-Type Device with Tactile and Force Display," Presence, Vol. 3, No. 1, 1994, pp. 73-80.				

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	86	Kelley, A. J. et al., "MagicMouse: Tactile and Kinesthetic Feedback in the Human-Computer Interface using an Electromagnetically Actuated Input/Output Device," Dept. of Elec. Eng., Univ. of Brit. Columbia, 1993, pp. 1-27.	
	87	Hasser, C. et al., "Tactile Feedback with Adaptive Controller for a Force-Reflecting Haptic Display," Parts 1&2, IEEE 0-7803-3131-1, 1996, pp. 526-533.	
	88	Ramstein, C., "Combining Haptic and Braille Technologies: Design Issues and Pilot Study," ASSETS '96, 2 <sup>nd</sup> Annual ACM Conf. on Assistive Technologies, 1996, pp. 37-44.	
	89	Dennerlein, et al., "Vibrotactile Feedback for Industrial Telemanipulators," ASME IMECE, 6 <sup>th</sup> Annual Symp. On Haptic Interfaces for Virtual Environment and Teleoperator Systems, Nov. 1997, pp. 1-7.	
	90	Minsky, Margaret et al., "Feeling and Seeing: Issues in Force Display," ACM 089791-351-5, 1990, pp. 235-242.	
	91	Ouh-young, M. et al., "Creating an Illusion of Feel: Control Issues in Force Display," Computer Science Dept., University of North Carolina, 1989, pp. 1-14.	
	92	Hasser, C., "Force-Reflecting Anthropomorphic Hand Masters," AL/CF-TR-1995-0110, 1995, pp. 5-31.	
	93	Kim, Won, "Telemanipulator Technology and Space Telerobotics," SPIE Proceedings, 1993, Vol. 2057, pp. 40-50.	

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